

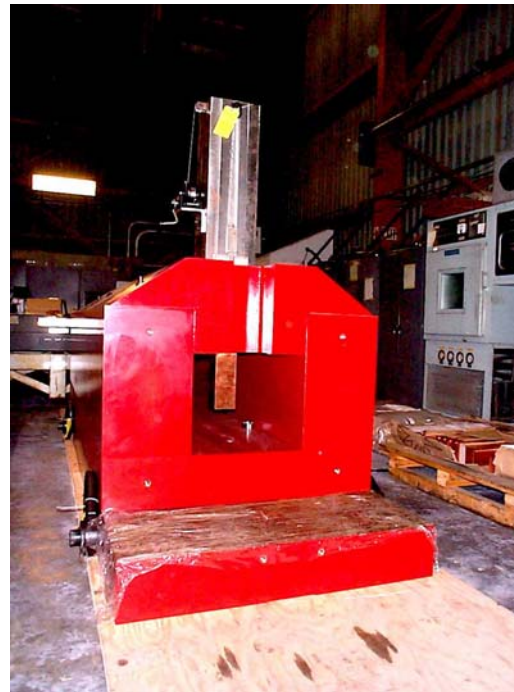
## U.S. LHC Accelerator Project- Progress 3<sup>rd</sup> Quarter FY 2002



Above- BNL U.S. LHC Magnet production floor. All five D1 Dipole magnets are complete, and have undergone quench and field performance tests. Seven of 9 D2 dipoles are complete, and the remaining two are in production.



Right- Fermilab U.S. LHC Magnet production floor. Six of eighteen Interaction Region quadrupoles are completed or in production. Shown here are the first two quadrupoles just before the sleeve that connects them into a single cold mass assembly is welded. To the right is the third quadrupole on the warm magnetic field measurement stand.



Left- Absorber components under production at LBNL. Far left are "copper clamshell" assemblies for the secondary beam absorbers (TAS) that protect the Inner Triplet elements. Red element at left is steel shielding for the neutral beam absorber (TAN) that protects the Interaction Region

